

DISTRICT I
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Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
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Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Road, Adec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-15-40918	Pool Code 96831	Pool Name Cedar Lake, Eclorieta-Yeso
Property Code 39330	Property Name RAVEN FEDERAL	Well Number 021H
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3716'
Surface Location		
UL or lot No. P	Section 7	Township 17-S
Range 31-E	Lot Idn 330	Feet from the SOUTH
Feet from the 180	East/West line EAST	County EDDY
As-Drilled Bottom Hole Location If Different From Surface		
UL or lot No. M	Section 7	Township 17-S
Range 31-E	Lot Idn 4	Feet from the SOUTH
Feet from the 331.7	East/West line WEST	County EDDY
Penetration Point Location		
UL or lot No. P	Section 7	Township 17-S
Range 31-E	Lot Idn 362.8	Feet from the SOUTH
Feet from the 243.5	East/West line EAST	County EDDY
Dedicated Acres 160	Joint or Infill	Consolidation Code
Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SURFACE LOCATION
GEODETIC COORDINATES

NAD 27 NME
Y=670504.1 N
X=632919.7 E
LAT.=32.842553° N
LONG.=103.900550° W
LAT.=32° 50' 33" N
LONG.=103° 54' 02" W

NAD 83 NME
Y=670568.0 N
X=674098.3 E
LAT.=32.842670° N
LONG.=103.901058° W
LAT.=32° 50' 34" N
LONG.=103° 54' 04" W

PENETRATION POINT
GEODETIC COORDINATES

NAD 27 NME
Y=670536.4 N
X=632856.0 E
LAT.=32.842642° N
LONG.=103.900757° W
LAT.=32° 50' 33" N
LONG.=103° 54' 03" W

NAD 83 NME
Y=670600.4 N
X=674034.7 E
LAT.=32.842759° N
LONG.=103.901264° W
LAT.=32° 50' 34" N
LONG.=103° 54' 04" W

KICK OFF POINT
GEODETIC COORDINATES

NAD 27 NME
Y=670528.8 N
X=632921.1 E
LAT.=32.842620° N
LONG.=103.900545° W
LAT.=32° 50' 33" N
LONG.=103° 54' 02" W

NAD 83 NME
Y=670592.7 N
X=674099.8 E
LAT.=32.842738° N
LONG.=103.901052° W
LAT.=32° 50' 34" N
LONG.=103° 54' 04" W

FIRST TAKE POINT
GEODETIC COORDINATES

NAD 27 NME
Y=670539.4 N
X=632128.8 E
LAT.=32.842659° N
LONG.=103.903125° W
LAT.=32° 50' 34" N
LONG.=103° 54' 11" W

NAD 83 NME
Y=670603.3 N
X=673307.5 E
LAT.=32.842776° N
LONG.=103.903632° W
LAT.=32° 50' 34" N
LONG.=103° 54' 13" W

LAST TAKE POINT
GEODETIC COORDINATES

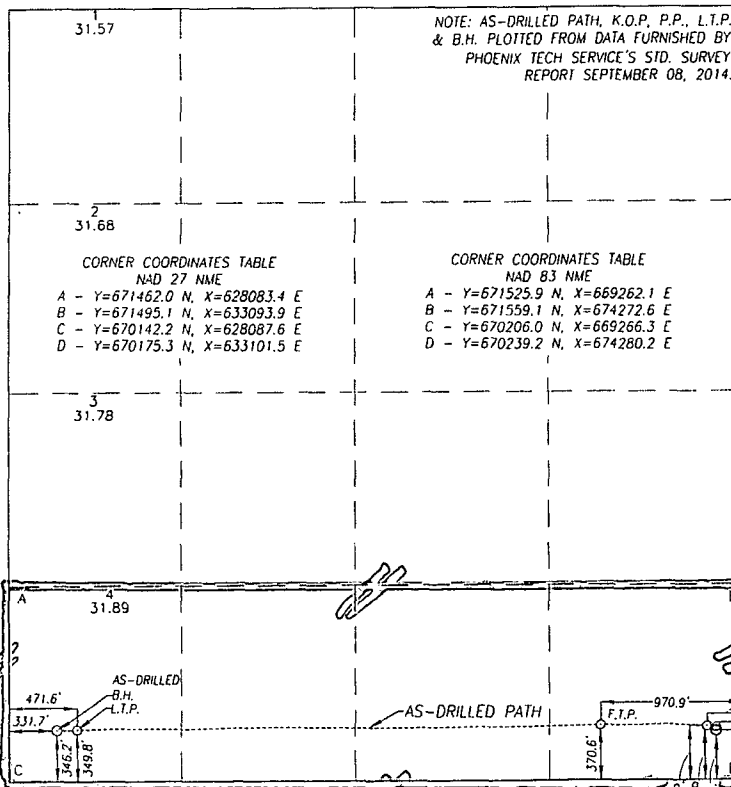
NAD 27 NME
Y=670495.0 N
X=628558.0 E
LAT.=32.842576° N
LONG.=103.914752° W
LAT.=32° 50' 33" N
LONG.=103° 54' 53" W

NAD 83 NME
Y=670558.9 N
X=669736.7 E
LAT.=32.842693° N
LONG.=103.915259° W
LAT.=32° 50' 34" N
LONG.=103° 54' 55" W

AS-DRILLED BOTTOM HOLE LOCATION
GEODETIC COORDINATES

NAD 27 NME
Y=670490.5 N
X=628418.1 E
LAT.=32.842565° N
LONG.=103.915207° W
LAT.=32° 50' 33" N
LONG.=103° 54' 55" W

NAD 83 NME
Y=670554.4 N
X=669596.8 E
LAT.=32.842682° N
LONG.=103.915714° W
LAT.=32° 50' 34" N
LONG.=103° 54' 56" W



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Fatima Vasquez* Date: 04/22/2015

Printed Name: Fatima Vasquez
E-mail Address: Fatima.Vasquez@apachecorp.com

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

APRIL 19, 2012

Date of Survey: Signature & Seal of Professional Surveyor:

Ronald J. Eidson
NEW MEXICO
3239
Certificate Number: Gary G. Eidson 12641
Ronald J. Eidson 3239
ACK REL W.O. 1413/142 JWSC W.O. 15.13-0128